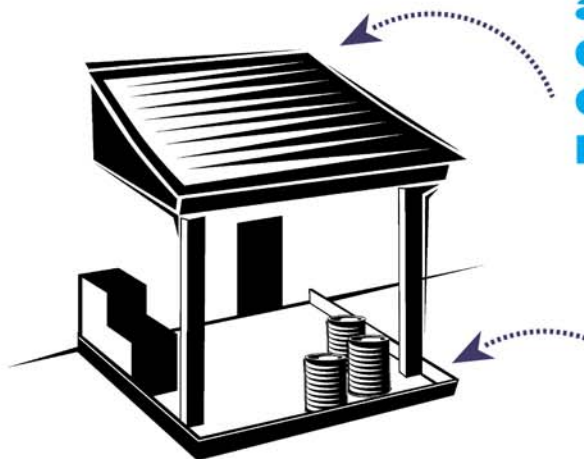


Glass, Clay, Cement, Concrete and Gypsum Product Facilities

BEST MANAGEMENT PRACTICES

How to Prevent Stormwater Pollution at a Glass, Clay, Cement, Concrete and Gypsum Product Facility



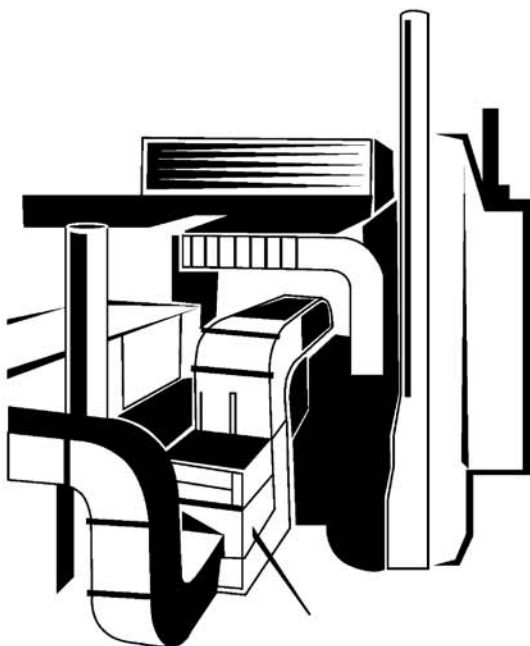
Store dry materials and waste inside or in covered, bermed areas.

Almacene materiales secos y desperdicios en áreas interiores o en jergones cubiertos.



Regularly clean up spills and dust from mixing areas.

Limpie regularmente goteras y polvo de las áreas de mezcla.



Use and properly maintain dust collection systems.

Utilice y mantenga sistemas apropiados de recolección del polvo.

**TRUCK
WASH**



Wash vehicles and equipment in designated areas.

Lave vehículos y equipo en las áreas designadas.

BMPs

BMPs

How to Prevent Stormwater Pollution at a Glass, Clay, Cement, Concrete and Gypsum Product Facility

BEST MANAGEMENT PRACTICES

■ Storing Dry Bulk Materials

Store materials in an enclosed silo or building. Materials may include sand, gravel, clay, cement, fly ash, kiln dust, and gypsum.

Cover material storage piles with a tarp or awning.

Divert run on around storage areas using curbs, dikes, diversion swales or positive drainage away from the storage piles.

Only store washed sand and gravel outdoors.

■ Handling Bulk Materials

Use dust collection systems (e.g., bag houses) to collect airborne particles generated as a result of handling operations.

Remove spilled material and settle dust from paved portions of the facility by shoveling and sweeping on a regular basis.

Periodically clean material handling equipment and vehicles to remove accumulated dust and residue.

■ Mixing Operations

Use dust collection systems (e.g., bag houses) to collect airborne particles generated as a result of mixing operations.

Remove spilled material and settle dust from the mixing area by shoveling and sweeping on a regular basis.

Clean exposed mixing equipment after mixing operations are complete.

Install sediment basins, silt fence, vegetated filter strips, or other sediment removal measures downstream/downslope of material storage, handling and mixing areas.

■ Vehicle and Equipment Washing

Designate vehicle and equipment wash areas that drain to recycle ponds or process wastewater treatment systems. Conduct vehicle-washing operation indoors or in a covered area.

Train employees on proper procedure for washing vehicles and equipment including a discussion of the appropriate location for vehicle washing.

Clean wash water residue from portions of the site that drain to storm water discharges.

■ Dust Collection

Maintain dust collection system and baghouse. Properly remove and recycle or dispose of collected dust to minimize exposure of collected dust to the environment.

■ Pouring and Curing Pre-cast Concrete Products

Pour and cure precast products in a covered area. Clean forms before storing outdoors.

■ Numbers to Call for More Information

